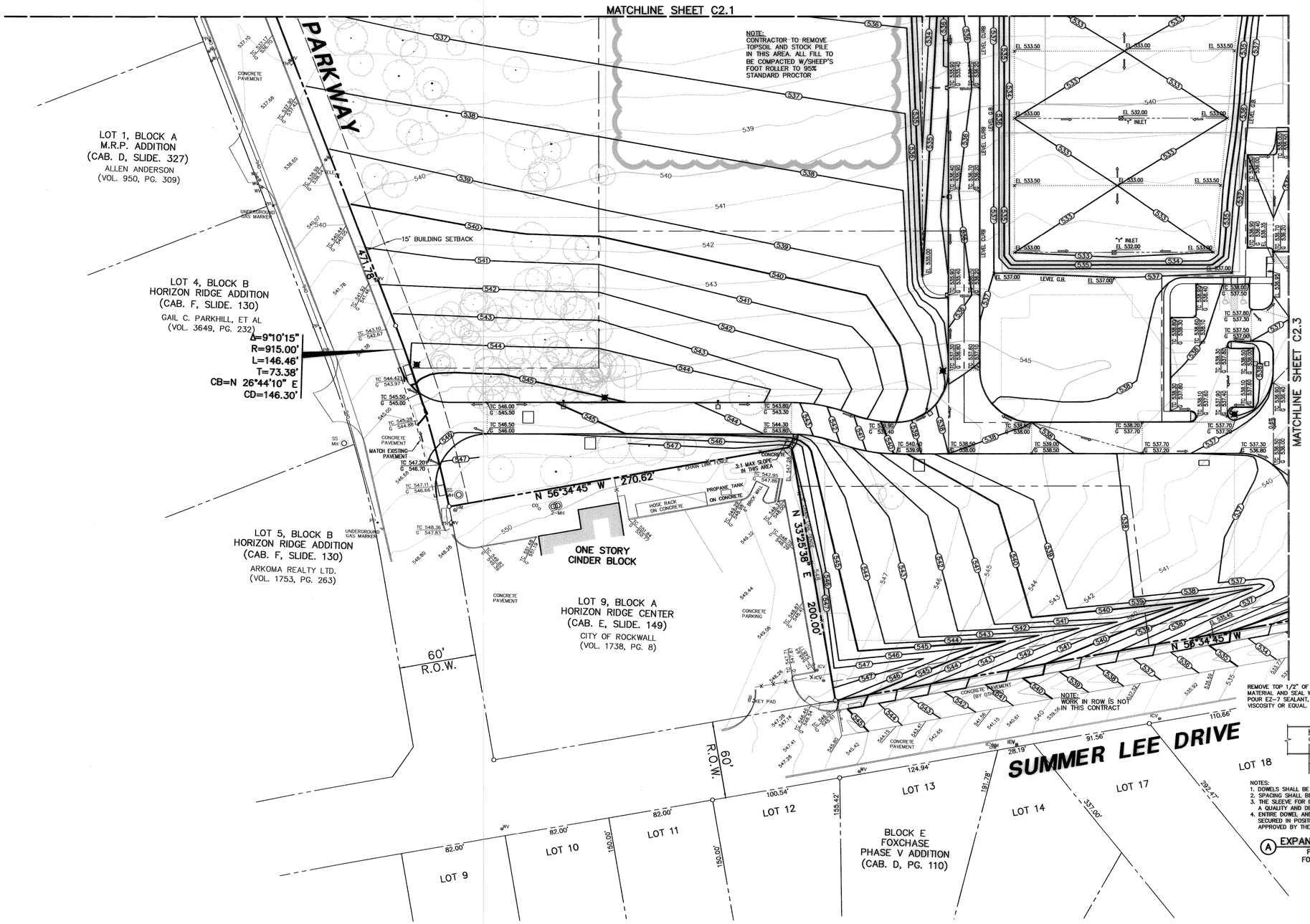
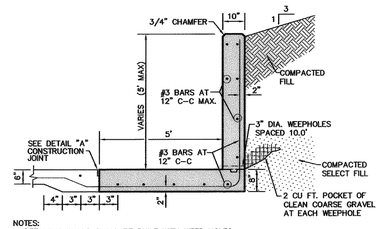
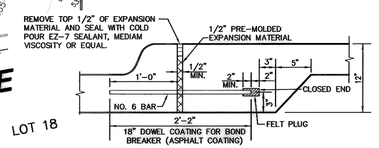


LEGEND

FH	FIRE HYDRANT
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
CO	CLEANOUT
MH	MANHOLE
GM	GAS METER
	PROPERTY LINE
613	EXISTING CONTOUR
EL 612.39	EXISTING SPOT ELEVATION
TC 612.39 / G 611.92	EXISTING TOP OF CURB ELEVATION / EXISTING GUTTER ELEVATION
613	PROPOSED CONTOUR
TC 614.50 / G 614.00	PROPOSED TOP OF CURB ELEVATION / PROPOSED GUTTER ELEVATION
EL 614.50	PROPOSED SPOT ELEVATION
TW 614.50 / BW 613.50	PROPOSED TOP OF RETAINING WALL ELEVATION / PROPOSED BOTTOM OF RETAINING WALL ELEVATION
	PROPOSED DRAINAGE FLOW DIRECTION

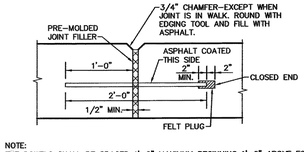


NOTES:
1. RETAINING WALLS SHALL BE BUILT WITH WEEP HOLES.
2. BARS SHALL CONFORM TO ITEM 2.2.6 OF NCTCOG SPECIFICATIONS.
3. BAR LAPS SHALL BE 30 DIAMETERS.
4. ALL EXPOSED SURFACES EXCEPT DRIVEWAY AND WALK SHALL RECIEVE A CARBORUNDUM OR APPROVED PAINTED FINISH.
5. DRIVEWAY AND WALK SHALL RECIEVE A NON-SKID WOOD FLOAT FINISH.
6. EXPOSED EDGES AND CORNERS TO BE ROUNDED OR CHAMFERED AS INDICATED HERIN. (CHAMFER ON BACK OF WALL MAY BE ELIMINATED TO PERMIT MOWING)
7. WEEP HOLES SHALL BE FORMED BY FIBER DUCT 3" O.D.
8. WEEP HOLES OR PEFORATED DRAIN SYSTEM MAY BE DELETED FOR RETAINING WALLS NOT EXCEEDING 3' IN HEIGHT WHEN APPROVED BY THE ENGINEER.
9. EXPANSION JOINTS TO BE PLACED IN WALL ON 45' CENTERS MAXIMUM. (SEE DETAIL "B" BELOW)
10. EXPANSION JOINTS SHALL BE CONSTRUCTED BETWEEN STREET CURB AND RETAINING WALL. FOOTINGS ABUTTING BACK OF CURBS WHEN RETAINING WALL HEIGHT EXCEEDS 5' (SEE DETAIL "A" BELOW). FOR WALLS LESS THAN OR EQUAL TO 5' IN HEIGHT, SIDEWALK LUGS SHALL BE CONSTRUCTED AT BACK OF CURB INTEGRAL WITH THE RETAINING WALL FOOTING. (NO EXPANSION MATERIAL)
11. ALL CONCRETE TO BE CLASS C 3600 PSI CONCRETE.
12. IF WALL IS 4' OR TALLER, THE DESIGN ENGINEER IS REQUIRED TO WRITE A LETTER OF ACCEPTANCE THAT THE WALL WAS BUILT PER DESIGN (SIGN AND SEALED) PRIOR PRIOR TO CITY ACCEPTANCE.



NOTES:
1. DOWELS SHALL BE COATED WITH BOND BREAKER ON WALL FOOTING SIDE AS SHOWN.
2. SPACING SHALL BE 12" ON CENTER, NO. 6 DOWEL BARS.
3. THE SLEEVE FOR DOWEL SHALL HAVE AN INSIDE DIAMETER OF 7/8" AND BE OF A QUALITY AND DESIGN TO PROVIDE FREE MOVEMENT OF THE DOWEL.
4. ENTIRE DOWEL AND SLEEVE ASSEMBLY WITH JOINT FILLER MATERIAL SHALL BE SECURED IN POSITION PARRALLEL WITH THE FOOTING SURFACE BY A METHOD APPROVED BY THE ENGINEER PRIOR TO POURING OPERATION.

(A) EXPANSION JOINT AGAINST CURB
FOR WALLS OVER 5 FEET WITH FOOTING ABUTING BACK OF CURB



NOTE:
THE DOWELS SHALL BE SPACED 1'-0" MAXIMUM BEGINNING 1'-0" ABOVE FOOTING. A MINIMUM OF 2 DOWELS TO BE USED IN EACH JOINT. THE SLEEVE FOR DOWEL SHALL HAVE AN INSIDE DIAMETER OF 7/8" AND BE OF A QUALITY AND DESIGN TO PROVIDE FREE MOVEMENT OF THE DOWEL. THE ENTIRE DOWEL AND SLEEVE ASSEMBLY SHALL BE SECURED IN POSITION PRIOR TO POURING OPERATION. THE EXPANSION JOINT SHALL EXTEND THROUGHOUT THE STEM AND WALK SECTION IN CONTINUOUS VERTICAL PLAN. ALL OTHER DETAILS TO BE AS ABOVE. SPACING OF JOINTS SHALL BE 45' MAXIMUM.

(B) EXPANSION JOINT IN WALL

RETAINING WALL

NOT TO SCALE

BENCH MARK LIST

BM# 1 CITY OF ROCKWALL MONUMENT "RESET 1"; 3" BRASS DISK FOUND AT RIDGE ROAD (F.M. 740) AND SUMMER LEE DRIVE NEAR THE NORTH WEST CORNER OF THE A PARKING LOT FOR COMMUNITY BANK.
ELEV=567.70

BM# 2 " □ " CUT FOUND ON THE BACK OF CURB ON THE POINT ON CURVATURE OF THE SOUTHWEST CORNER OF THE INTERSECTION OF SUMMER LEE DRIVE AND OAK DRIVE.
ELEV=563.21

BM# 3 " □ " CUT SET ON THE BACK OF CURB AT THE POINT OF CURVE OF ROCKWALL PARKWAY AT THE NORTHEAST CORNER OF THE INTERSECTION OF SUMMER LEE DRIVE AND ROCKWALL PARKWAY.
ELEV=552.82

RECORD DRAWING

THIS DRAWING HAS BEEN REVISED TO RE-FLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT, A VISUAL REVIEW OF THE COMPLETED SITE CONSTRUCTION BY PACHECO KOCH, AND FIELD SURVEY VERIFICATION AT MANHOLES AND INLETS BY PACHECO KOCH.

CONTRACTOR: ROGERS-O'BRIEN CONSTRUCTION CO.

DATE REVISED: 11/14/2007

STATE OF TEXAS
ERIK M. HAUGLIE
94736
LICENSED PROFESSIONAL ENGINEER
7/17/06

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ERIK M. HAUGLIE, P.E. 94736 ON 07/17/2006. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

NO.	DATE	REVISION
7	6/07/2007	ADDED SIDEWALK & ADA ROUTE

Pacheco Koch Consulting Engineers
8350 N. CENTRAL EXPWY. SUITE 1000 DALLAS, TX. 75206 972.235.3031

GRADING PLAN

ROCKWALL COMMUNITY HOSPITAL
HORIZON ROAD @ ROCKWALL PARKWAY
EDWARD TEAL SURVEY, ABST. NO. 207
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EMH	RRL	JULY 2006	1"=40'			C2.4

DWG FILE: 1567-05-270CV.DWG

PLOTTED BY: RLEWIS
03/26/2008 - 8:35AM
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